signal for the modulating gas controller. This has the advantage that a calibration between the input signal and the output signal of such a modulating gas controller can be dropped.

CLAIMS

What is claimed is:

1. A control method for gas burners for providing a gas-air mixture, namely for supplying a gas flow and a combustion air flow to a burner, a signal of a sensor being used for adapting the gas-air mixture to different gas qualities, wherein the signal of the sensor is used for adapting the gas-air mixture to different gas qualities at selected points in time.

2. A control method for gas burners according to claim 1, wherein the signal is used after the installation of the sensor for adapting the gas-air mixture to different gas qualities.

3. A control method for gas burners according to claim 1, wherein the signal is used after a fresh start of the gas burner for adapting the gas-air mixture to different gas qualities.

4. A control method for gas burners according to claim 1, wherein the signal is used after a reset for adapting the gas-air mixture to different gas qualities.

5. A control method for gas burners according to claim 2, wherein the signal is used when stable operating conditions of the gas burner have been reached.

6. A control method for gas burners according to claim 3, wherein the signal is used when stable operating conditions of the gas burner have been reached.

7. A control method for gas burners according to claim 4, wherein the signal is used when stable operating conditions of the gas burner have been reached.

8. A control method for gas burners according to claim 1 wherein the composition ratio of the gas-air mixture has a predetermined range with an upper and lower limit, wherein if the composition ratio exceeds said range, the upper limit and lower limit are used to determine a subsequent composition ratio of the gas-air mixture.